Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) a bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface,

wherein when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, relation of DHn and DVn are expressed by

DHf + DHn < DVf + DVn, and DHn < DVn,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values, and

a distribution of astigmatism on the first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, a distribution of astigmatism on the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of the second refractive surface, and a position of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

2. (Original) The bi-aspherical type progressive-power lens according to claim 1, wherein

a distribution of transmission astigmatism in a near portion of the bi-aspherical type progressive-power lens is arranged such that a nose side is dense and a temple side is sparse.

3. (Original) A method of designing a bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface,

wherein when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, the relation of DHn and DVn is expressed by

DHf + DHn < DVf + DVn, and DHn < DVn,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values, and

a distribution of astigmatism on the first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, a distribution of astigmatism on the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of the second refractive surface, and a position of a nearsightedness

diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

4. (Original) The method of designing a bi-aspherical type progressive-power lens according to claim 3, wherein

a distribution of transmission astigmatism in a near portion of the bi-aspherical type progressive-power lens is arranged such that a nose side is dense and a temple side is sparse.

5. (Original) A bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface,

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, the relation of DHn and DVn is expressed by

DHf + DHn < DVf + DVn, and DHn < DVn,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values, and

a distribution of average diopter on the first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, a distribution of average diopter on the second refractive surface is

bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of the second refractive surface, and a position of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

6. (Original) The bi-aspherical type progressive-power lens according to claim 5, wherein

a distribution of transmission astigmatism in a near portion of the bi-aspherical type progressive-power lens is arranged such that a nose side is dense and a temple side is sparse.

7. (Currently Amended) A method of designing a bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface,

wherein when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, trhethe relation of DHn and DVn is expressed by

DHf + DHn < DVf + DVn, and DHn < DVn,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values, and

a distribution of average diopter on the first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, a distribution of average diopter on the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of the second refractive surface, and a position of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

8. (Original) The method of designing a bi-aspherical type progressive-power lens according to claim 7, wherein

a distribution of transmission astigmatism in a near portion of the bi-aspherical type progressive-power lens is arranged such that a nose side is dense and a temple side is sparse.

9. (Original) A bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface,

wherein when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, the relation of DHn and DVn is expressed by,

DVn - DHn > ADD/2,

a surface astigmatism component at N1 of the first refractive surface is offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a nearsightedness diopter (Dn) based on prescription values.

10. (Original) The bi-aspherical type progressive-power lens according to claim 9

wherein when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, the relation of DHf and DVf is expressed by

 $DHf + DHn < DVf + DVn, \ and \ DVn - DVf > ADD/2, \ and \ DHn - DHf < ADD/2,$

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values.

11. (Original) The bi-aspherical type progressive-power lens according to claim 9 or claim 10, wherein

said first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, said second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of said second refractive surface, and a position of a nearsightedness diopter measurement position N2 on said second refractive surface is shifted inward to a nose by a predetermined distance.

12. (Original) The bi-aspherical type progressive-power lens according to any one of claim 9 to claim 11, wherein

said first refractive surface is a rotation surface with one meridian passing through the farsightedness diopter measurement position F1 as a generating line, the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 on the second refractive surface, and an

arrangement of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

13. (Original) The bi-aspherical type progressive-power lens according to any one of claim 9 to claim 11, wherein

on the first refractive surface, a sectional curve in the horizontal direction passing through the farsightedness diopter measurement position F1 is not a perfect circle but has a predetermined refractive power change, and a sectional curve of a cross section in the vertical direction including a normal line at an arbitrary position on the sectional curve in the horizontal direction is substantially the same as a meridian passing through the farsightedness diopter measurement position F1.

14. (Original) The bi-aspherical type progressive-power lens according to any one of claim 9 to claim 13, wherein

in a structure of a combination of the first and second refractive surfaces giving the farsightedness diopter (Df) and the addition diopter (ADD) based on the prescription values and providing as necessary a prism refractive power (Pf), an aspherical correction is performed to at least one or more items of occurrence of astigmatism and a diopter error and occurrence of distortion of an image in a peripheral visual field, due to the fact that the sight line in a wearing state and a lens surface can not intersect at right angles.

15. (Original) A method of designing a bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness diopter measurement position N1, are DHn and DVn respectively, the relation of DHn and DVn is expressed by

DVn - DHn > ADD/2,

and a surface astigmatism component at N1 of the first refractive surface is offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a nearsightedness diopter (Dn) based on prescription values.

16. (Original) The method of designing a bi-aspherical type progressive-power lens according to claim 15, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness diopter measurement position F1, are DHf and DVf respectively, the relation of DHf and DVf is expressed by

 $DHf + DHn < DVf + DVn, \ and \ DVn - DVf > ADD/2, \ and \ DHn - DHf <$ ADD/2,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives a farsightedness diopter (Df) and an addition diopter (ADD) based on prescription values.

17. (Original) The method of designing a bi-aspherical type progressive-power lens according to claim 15 or claim 16, wherein

said first refractive surface is bilaterally symmetrical with respect to one meridian passing through the farsightedness diopter measurement position F1, the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 of the second refractive surface, and a position of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

18. (Original) The method of designing a bi-aspherical type progressive-power lens according to any one of claim 15 to claim 17, wherein

said first refractive surface is a rotation surface with one meridian passing through the farsightedness diopter measurement position F1 as a generating line, the second refractive surface is bilaterally asymmetrical with respect to one meridian passing through a farsightedness diopter measurement position F2 on the second refractive surface, and a position of a nearsightedness diopter measurement position N2 on the second refractive surface is shifted inward to a nose by a predetermined distance.

19. (Original) The method of designing a bi-aspherical type progressive-power lens according to any one of claim 15 to claim 17, wherein

on the first refractive surface, a sectional curve in the horizontal direction passing through the farsightedness diopter measurement position F1 is not a perfect circle but has a predetermined refractive power change, and a sectional curve of a cross section in the vertical direction including a normal line at an arbitrary position on the sectional curve in the horizontal direction is substantially the same as a meridian passing through the farsightedness diopter measurement position F1.

20. (Original) The method of designing a bi-aspherical type progressive-power lens according to any one of claim 15 to claim 19, wherein

in a structure of a combination of the first and second refractive surfaces giving the farsightedness diopter (Df) and the addition diopter (ADD) based on the prescription values and providing as necessary a prism refractive power (Pf), an aspherical correction is performed to at least one or more items of occurrence of astigmatism and a diopter error and occurrence of distortion of an image in a peripheral visual field, due to the fact that a sight line and a lens surface in a wearing state intersect at right angles.

21. (Currently Amended) A bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness far vision diopter measurement position F1, position F1 on the first refractive surface, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness near vision diopter measurement position N1, position N1 on the first refractive surface, are DHn and DVn respectively, the relation of DHn and DVn a relational formula is expressed by

DVn - DVf > ADD/2,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives an addition diopter (ADD) based on prescription values, and

on a sectional curve in the vertical direction passing through F1, at an arbitrary position in a rectangle surrounded by two horizontal lines located at ± 4 mm in the vertical direction, with a position providing 50% of a change of a sectional diopter in the vertical direction ranging from F1 to the same height as N1 being the center, and two vertical lines located at ± 15 mm in the horizontal direction from a straight line in the vertical direction passing through F1,

a surface sectional diopter in the vertical direction on the first refractive surface has differential values such that the absolute value of a differential value in the vertical direction is larger than the absolute value of a differential value in the horizontal direction.

at an arbitrary position in a rectangle surrounded by two horizontal lines positioned at vertically \pm 4mm from a center at a position of 50% of a change of the sectional diopter in the vertical direction from F1 to the same height position as N1, the center and the same height position being on the sectional curve in the vertical direction passing through F1, and two vertical lines positioned at horizontally \pm 15 mm from a vertical straight line passing through F1,

an absolute value of a vertical differential value is larger than the absolute value of a horizontal differential value, regarding a differential value of a surface vertical sectional power on said first refractive surface.

22. (Currently Amended) A bi-aspherical type progressive-power lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness far vision diopter measurement position F1, position F1 on the first refractive surface, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness-near vision diopter measurement position N1, position N1 on the first refractive surface, are DHn and DVn respectively, the relation of DHn and DVn a relational formula is expressed by

DVn - DVf > ADD/2,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives an addition diopter (ADD) based on prescription values, and

on a sectional curve in the vertical direction passing through F1, at an arbitrary position in a rectangle surrounded by two horizontal lines located at ± 4 mm in the vertical direction, with a position providing 50% of a change of a sectional diopter in the vertical direction ranging from F1 to the same height as N1 being the center, and two vertical lines located at ± 15 mm in the horizontal direction from a straight line in the vertical direction passing through F1,

a surface astigmatism amount on the first refractive surface has differential values such that the absolute value of a differential value in the vertical direction is larger than the absolute value of a differential value in the horizontal direction, and

at an arbitrary position in the rectangle,

a surface average diopter on the first refractive surface has differential values such that the absolute value of a differential value in the vertical direction is larger than the absolute value of a differential value in the vertical direction is larger than the absolute value of a differential value in the horizontal direction.

at a arbitrary position in a rectangle surrounded by two horizontal lines positioned at vertically \pm 4 mm from a center at a position of 50% of a change of the sectional diopter in the vertical direction from F1 to the same height position as N1, the center and the same height position being on the sectional curve in the vertical direction passing through F1, and two vertical lines positioned at horizontally \pm 15 mm from a vertical straight line passing through F1,

an absolute value of a vertical differential value is larger than the absolute

value of a horizontal differential value, regarding a differential value of a surface astigmatism

amount of said first refractive surface, and

at an arbitrary position in said rectangle,

the absolute value of a vertical differential value is larger than the absolute value of a horizontal differential value, regarding the differential value of a surface average diopter on said first refractive surface.

23. (Currently Amended) A method of designing a bi-aspherical type progressivepower lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness far vision diopter measurement position F1, position F1 on the first refractive surface, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness near vision diopter measurement position N1, position N1 on the first refractive surface, are DHn and DVn respectively, the relation of DHn and DVn a relational formula is expressed by

DVn - DVf > ADD/2,

surface astigmatism components at F1 and N1 of the first refractive surface are offset by the second refractive surface, and a combination of the first and second refractive surfaces gives an addition diopter (ADD) based on prescription values, and

on a sectional curve in the vertical direction passing through F1, at an arbitrary position in a rectangle surrounded by two horizontal lines located at ± 4 mm in the vertical direction, with a position providing 50% of a change of a sectional diopter in the vertical direction ranging from F1 to the same height as N1 being the center, and two vertical lines located at ± 15 mm in the horizontal direction from a straight line in the vertical direction passing through F1,

a surface sectional diopter in the vertical direction on the first refractive surface has differential values such that the absolute value of a differential value in the vertical direction is larger than the absolute value of a differential value in the horizontal direction

at an arbitrary position in a rectangle surrounded by two horizontal lines positioned at vertically ± 4mm from a center at a position of 50% of a change of the sectional diopter in the vertical direction from F1 to the same height position as N1, the center and the same height position being on the sectional curve in the vertical direction passing through F1, and two vertical lines positioned at horizontally ± 15 mm from a vertical straight line passing through F1,

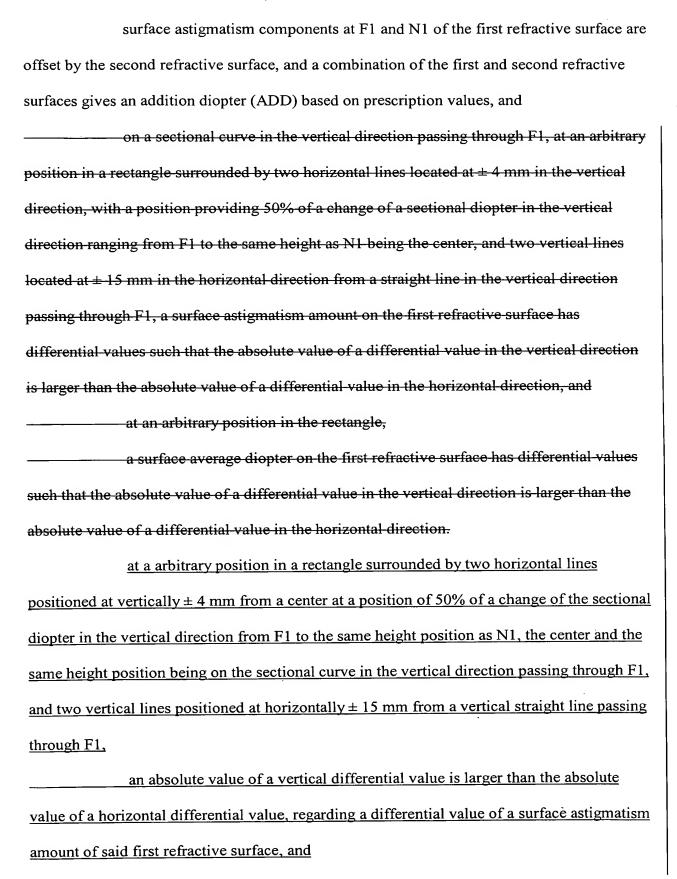
an absolute value of a vertical differential value is larger than the absolute value of a horizontal differential value, regarding a differential value of a surface vertical sectional power on said first refractive surface.

24. (Currently Amended) A method of designing a bi-aspherical type progressivepower lens with a progressive refractive power action dividedly allotted to a first refractive surface being an object side surface and a second refractive surface being an eyeball side surface, wherein

when on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a farsightedness far vision diopter measurement position F1, position F1 on the first refractive surface, are DHf and DVf respectively, and

on the first refractive surface, a surface refractive power in a horizontal direction and a surface refractive power in a vertical direction, at a nearsightedness-near vision diopter measurement position N1, position N1 on the first refractive surface, are DHn and DVn respectively, the relation of DHn and DVn-a relational formula is expressed by

DVn - DVf > ADD/2,



at an arbitrary position in said rectangle,
the absolute value of a vertical differential value is larger than the absolute
value of a horizontal differential value, regarding the differential value of a surface average
diopter on said first refractive surface.